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1 [Digital rights management in a 3G mobile phone and beyond](#)

 Thomas S. Messerges, Ezzat A. Dabbish
October 2003 DRM '03: Proceedings of the 3rd ACM workshop on Digital rights management
Publisher: ACM

Full text available:  pdf(305.59 KB)

Additional Information: full citation, abstract, references, cited by, index terms

Bibliometrics: Downloads (6 Weeks): 25, Downloads (12 Months): 335, Citation Count: 2

In this paper we examine how copyright protection of digital items can be securely managed in a 3G mobile phone and other devices. First, the basic concepts, strategies, and requirements for digital rights management are reviewed. Next, a framework for ...

Keywords: MPEG-21, copyright protection, cryptography, digital content, digital rights management, embedded system, key management, mobile phone, open mobile alliance, security

2 [Network layer access control for context-aware IPv6 applications](#)

Adrian Friday, Maomao Wu, Joe Finney, Stefan Schmid, Keith Cheverst, Nigel Davies
July 2003 Wireless Networks, Volume 9 Issue 4
Publisher: Kluwer Academic Publishers

Full text available:  pdf(3.57 MB)

Additional Information: full citation, abstract, references, cited by, index terms

Bibliometrics: Downloads (6 Weeks): 25, Downloads (12 Months): 141, Citation Count: 1

As part of the Lancaster GUIDE II project, we have developed a novel wireless access point protocol designed to support the development of next generation mobile context-aware applications in our local environs. Once deployed, this architecture will ...

Keywords: authentication, mobile IPv6, public access point, security, wireless Internet

3

A composable framework for secure multi-modal access to internet services from Post-PC devices

Steven J. Ross, Jason L. Hill, Michael Y. Chen, Anthony D. Joseph, David E. Culler, Eric A.

Brewer		Ads
October 2002 Mobile Networks and Applications, Volume 7 Issue 5		
Publisher: Kluwer Academic Publishers		
Full text available:  pdf(340.33 KB)	Additional Information: full citation, abstract, references, cited by, index terms, review	Vol Re: Re: infc sar pric mo www
Bibliometrics: Downloads (6 Weeks): 3, Downloads (12 Months): 68, Citation Count: 1		
The Post-PC revolution is bringing information access to a wide range of devices beyond the desktop, such as public kiosks, and mobile devices like cellular telephones, PDAs, and voice based vehicle telematics. However, existing deployed Internet services ...		
Keywords: internet, middleware, post-PC, security, transcoding		PD Do: Re: PD Qu Fre Ado
4 Secure authentication system for public WLAN roaming		Dig Te: by Wo nov Elli www
 Yasuhiro Matsunaga, Ana Sanz Merino, Takashi Suzuki, Randy H. Katz		
September 2003 WMASH '03: Proceedings of the 1st ACM international workshop on Wireless mobile applications and services on WLAN hotspots		
Publisher: ACM		
Full text available:  pdf(248.60 KB)	Additional Information: full citation, abstract, references, cited by, index terms	
Bibliometrics: Downloads (6 Weeks): 23, Downloads (12 Months): 196, Citation Count: 4		
A serious impediment for seamless roaming between independent wireless LANs (WLANs) is how best to confederate the various WLAN service providers, each having different trust relationships with individuals and each supporting their own authentication ...		
Keywords: authentication, hotspot, link layer security, policy control, roaming, single sign-on, wireless LAN		
5 An architecture for secure wide-area service discovery		Lin Thu Prc No: For 12C www
Todd D. Hodes, Steven E. Czerwinski, Ben Y. Zhao, Anthony D. Joseph, Randy H. Katz		
March 2002 Wireless Networks, Volume 8 Issue 2/3		
Publisher: Kluwer Academic Publishers		
Full text available:  pdf(365.56 KB)	Additional Information: full citation, abstract, references, cited by, index terms	
Bibliometrics: Downloads (6 Weeks): 13, Downloads (12 Months): 103, Citation Count: 5		
The widespread deployment of inexpensive communications technology, computational resources in the networking infrastructure, and network-enabled end devices poses an interesting problem for end users: how to locate a particular network service or device ...		
Keywords: location services, name lookup, network protocols, service discovery		
6 Digital rights management for content distribution		
Qiong Liu, Reihaneh Safavi-Naini, Nicholas Paul Sheppard		
January 2003 ACSW Frontiers '03: Proceedings of the Australasian information security workshop conference on ACSW frontiers 2003 - Volume 21, Volume 21		
Publisher: Australian Computer Society, Inc.		
Full text available:  pdf(224.63 KB)	Additional Information: full citation, abstract, references, cited by, index terms	
Bibliometrics: Downloads (6 Weeks): 60, Downloads (12 Months): 623, Citation Count: 4		
Transferring the traditional business model for selling digital goods linked to physical		

media to the online world leads to the need for a system to protect digital intellectual property. Digital Rights Management(DRM) is a system to protect high-value ...

Keywords: DRM, digital content

- 7 PicoDBMS: Scaling down database techniques for the smartcard
Philippe Pucheral, Luc Bougnim, Patrick Valduriez, Christophe Bobineau
September 2001 The VLDB Journal — The International Journal on Very Large Data

Bases, Volume 10 Issue 2-3
Publisher: Springer-Verlag New York, Inc.

Full text available:  pdf(259.09 KB) Additional Information: full citation, abstract, references, cited by, index terms

Bibliometrics: Downloads (6 Weeks): 6, Downloads (12 Months): 57, Citation Count: 7

Smartcards are the most secure portable computing device today. They have been used successfully in applications involving money, and proprietary and personal data (such as banking, healthcare, insurance, etc.). As smartcards get more powerful (with ...

Keywords: Atomicity, Durability, Execution model, PicoDBMS, Query optimization, Smartcard applications, Storage model

- 8 A peer-to-peer approach to wireless LAN roaming

 Elias C. Efstathiou, George C. Polyzos
September 2003 WMASH '03: Proceedings of the 1st ACM international workshop on Wireless mobile applications and services on WLAN hotspots

Publisher: ACM

Full text available:  pdf(279.70 KB) Additional Information: full citation, abstract, references, cited by, index terms

Bibliometrics: Downloads (6 Weeks): 6, Downloads (12 Months): 114, Citation Count: 3

We make the case for a Global Confederation of Peer-to-Peer (P2P) Wireless Local Area Networks. A P2P Wireless Network Confederation (P2PWNC) is a community of administrative domains that offer wireless Internet access to each other's registered users. ...

Keywords: P2P, WISP, WLAN, Wi-Fi, incentives, mixes, privacy, roaming

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